

Bachelor of Science in Chemistry (ACS Certified, Biochemistry Concentration) (BIC)

A Suggested Sequence of Required Courses (2017-2018 Catalog)

F r e s h m a n Y e a r			
Fall		Spring	
_____	0 Chapel (CHA 1088)	_____	0 Chapel (CHA 1088)
_____	2 BIC 1212 Examined Life I	_____	4 PHY 1420 Physics I
_____	3 BIC 1314 World Cultures I	_____	3 BIC 1324 World Cultures II
_____	4 BIC 1413 Rhetoric I	_____	3 BIC 1323 Rhetoric II
_____	3 MTH 1321 Calculus	_____	3 MTH 1322 Calculus II
_____	4 CHE 1301/1101 Chemistry I (see reverse)	_____	4 CHE 1302/1102 Chemistry II (see reverse)
Total:	16	Total:	17
S o p h o m o r e Y e a r			
Fall		Spring	
_____	3 BIC 2330 Social World I	_____	3 BIC 2340 Social World II
_____	3 BIC 2334 World Cultures III	_____	3 BIC 2344 World Cultures IV
_____	4 PHY 1430 Physics II	_____	3 MTH 2321 Calculus III
_____	3 CHE 3331 Organic Chemistry I	_____	2 CHE 3238 Organic Chemistry Lab
_____	2 CHE 2216 Lab Measurements	_____	3 CHE 3332 Organic Chemistry II
		_____	1 Lifetime Fitness
Total:	15	Total:	15
S u m m e r			
Summer 1			
	4 BIO 1305/1105 Modern Concepts Bio		
J u n i o r Y e a r			
Fall		Spring	
_____	3 MTH 3325 or STA 2381 or STA 3381 (see below)	_____	3-4 Foreign Language 1302/1402
_____	3-4 Foreign Language 1301/1401	_____	3 CHE 4322 Physical Chemistry II
_____	3 CHE 4321 Physical Chemistry I	_____	3 CHE 4342 Biochemistry II
_____	3 CHE 4341 Biochemistry I	_____	1 CHE 4142 Biochemistry Lab II
_____	3 CHE 4141 Biochemistry Lab I	_____	1 CHE 4128 Phys. Chem Lab II
_____	1 CHE 4127 Phys. Chem Lab I	_____	3 CHE 4302 Descriptive Inorganic CHE
Total:	17	Total:	14-15
S e n i o r Y e a r			
Fall		Spring	
_____	1-2 CHE 4000 (see below)	_____	3 CHE 4316 Instrumental Analysis
_____	1 CHE 4151 Undergrad Seminar I	_____	1-2 CHE 4000 (see below)
_____	4 BIO 1306/1106 Modern Concepts Bio	_____	0 CHE 4001 Exit Examination
_____	3 Elective	_____	3 BIC 3358 Biblical Heritage/Ethics
_____	3 Foreign Language 2310 (see reverse)	_____	3 Advanced Elective (BIO 4306 recommended)
_____	1 Lifetime Fitness	_____	3 Foreign Language 2320 (see reverse)
Total:	14-15	Total:	13-14

*All students must graduate with a minimum of 124 hours,
36 of which must be at the 3000/4000 level.*

Notes about major requirements:

- CHE, MTH, and PHY courses in the first two years must not be deferred.
- MTH 2321 must be completed by the end of sophomore year.
- PHY 1430 must be completed by the end of sophomore year.
- CHE 4321 and 4127 must be taken in the fall of your junior year, Prerequisites are MTH 2321 and PHY 1430.
- 4000 level chemistry courses, except 4341, are taught only once per year, in the semesters indicated.
- MTH 3325 or STA 2381 or STA 3381: MTH 3325 is recommended unless student is Pre-Health.
- CHE 4000: Two semester hours selected from CHE 4207, 4217, 4237, (one hour each of CHE 4199 and 4V98).
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

Name: _____

Date: _____

- For more information, see the undergraduate catalog.